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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	11

Complete if Known	
Application Number	10/715,729
Filing Date	November 17, 2003
First Named Inventor	Sommadossi *et al.*
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	06171.105062 IDX 1023

3420306_1.DOC

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. [1]	U.S. Patent Document Number	Kind Code [2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LH	AA	3,798,209	A	Witkowski, *et al.*	03-19-1974	
	AB	RE29,835		Witkowski *et al.*	11-14-1978	
	AC	4,522,811	A	Eppstein *et al.*	06-11-1985	
	AD	4,957,924	A	Beauchamp	09-18-1990	
	AE	5,149,794	A	Yatvin *et al.*	09-22-1992	
	AF	5,157,027	A	Biller *et al.*	10-20-1992	
	AG	5,194,654	A	Hostetler *et al.*	03-16-1993	
	AH	5,223,263	A	Hostetler *et al.*	06-29-1993	
	AI	5,256,641	A	Yatvin *et al.*	10-26-1993	
	AJ	5,372,808	A	Blatt *et al.*	12-13-1994	
	AK	5,411,947	A	Hostetler *et al.*	05-02-1995	
	AL	5,463,092	A	Hostetler *et al.*	10-31-1995	
	AM	5,543,389	A	Yatvin *et al.*	08-06-1996	
	AN	5,543,390	A	Yatvin *et al.*	08-06-1996	
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	AP	5,554,728	A	Basava *et al.*	09-10-1996	
	AQ	5,676,942	A	Testa *et al.*	10-14-1997	
	AR	5,738,845	A	Imakawa	04-14-1998	
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	AT	5,849,696	A	Chretien *et al.*	12-15-1998	
	AU	5,908,621	A	Glue *et al.*	06-01-1999	
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	AW	5,942,223	A	Bazer *et al.*	08-24-1999	
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	AAA	6,340,690	B1	Bachand *et al.*	01-22-2002	
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	AAD	2002/0147160	A1	Bhat *et al.*	10-10-2002	
	AAE	2003/0008841	A1	Devos *et al.*	01-09-2003	
	AAF	2003/0028013	A1	Wang *et al.*	02-06-2003	

Examiner Signature	/Louise Humphrey/ (09/19/2006)	Date Considered	

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LH	BA	2003/0050229	A1	Sommadossi *et al.*	03-13-2003	
LH	BB	2003/0060400	A1	LaColla *et al.*	03-27-2003	
LH	BC	2003/0083307	A1	Devos *et al.*	05-01-2003	

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Examiner Initials *	Cite No.[1]	Foreign Patent Document Office [3]	Number	Kind Code [2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[4]
LH	BD	DE	3,512,781	A1	Soc. Nat. Elf Aquitaine	10-17-1985		
	BE	EP	0,180,276	B1	Stamicarbon B.V.	12-28-1988		
	BF	EP	0,350,287	B1	Chimerix, Inc.	09-27-2000		
	BG	EP	0,650,371	B1	State of Oregon	11-15-2000		
	BH	FR	1,521,076	A	Merck & Co. Inc.	04-12-1968		
	BI	FR	2,662,165	A	Univ. Paris Curie	11-22-1991		
	BJ	GB	1,163,103	A	Merck & Co. Inc.	09-04-1969		
	BK	GB	1,209,654	A	Merck & Co. Inc.	10-21-1970		
	BL	WO	89/02733	A1	Univ. of California	04-06-1989		
	BM	WO	90/00555	A1	Vical Inc.	01-25-1990		
	BN	WO	91/16920	A1	Vical Inc.	11-14-1991		
	BO	WO	91/18914	A1	Vical Inc.	12-12-1991		
	BP	WO	91/19721	A1	Glazier	12-26-1991		
	BQ	WO	93/00910	A1	Vical Inc.	01-21-1993		
	BR	WO	94/26273	A1	Hostetler	11-24-1994		
	BS	WO	96/15132	A1	Univ. of California	05-23-1996		
	BT	WO	99/15194	A1	Schering Corporation	04-01-1999		
	BU	WO	99/43691	A1	Emory U.; U.Ga.R.F.	02-09-1999		
	BV	WO	99/45016	A2	Metabasis Therapeutics.	09-10-1999		
	BW	WO	99/59621	A1	Schering Corporation	11-25-1999		
	BX	WO	99/64016	A1	Hoffman-La Roche AG	12-16-1999		
	BY	WO	00/09531	A2	Novirio (Idenix); CNRS	02-24-2000		
	BZ	WO	00/24355	A1	Smith & Nephew Kinetic	05-04-2000		
	BAA	WO	00/37110	A2&3	Schering Corporation	06-29-2000		
	BAB	WO	00/52015	A2	Metabasis Therapeutics	09-08-2000		

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First Named Inventor	Sommadossi *et al.*
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Attorney Docket Number	06171.105062 IDX 1023

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LH	CA	WO	01/18013	A1	Metabasis Therapeutics	03-15-2001		
	CB	WO	01/32153	A2	Biochem Pharma	05-10-2001		
	CC	WO	01/47935	A2&3	Metabasis Therapeutics	07-05-2001		
	CD	WO	01/60315	A2	Biochem Pharma	08-23-2001		
	CE	WO	01/79246	A2	Pharmasset	10-25-2001		
	CF	WO	01/81359	A1	Schering Corporation	11-01-2001		
	CG	WO	01/90121	A2	Novirio Pharm. (Idenix)	11-29-2001		
	CH	WO	01/91737	A2	Novirio Pharm. (Idenix)	12-06-2001		
	CI	WO	01/92282	A2	Novirio Pharm. (Idenix)	12-06-2001		
	CJ	WO	01/96353	A2	Novirio Pharm. (Idenix)	12-20-2001		
	CK	WO	02/18404	A2	F. Hoffmann-La Roche	03-07-2002		
	CL	WO	02/32414	A2&3	Schering Corporation	04-25-2002		
	CM	WO	02/32920	A2	Pharmasset Limited	04-25-2002		
	CN	WO	02/48165	A2	Pharmasset Limited	06-20-2002		
	CO	WO	02/057287	A2	Merck & Co. Inc.	07-25-2002		
	CP	WO	02/057425	A2	Merck & Co. Inc.	07-25-2002		
	CQ	WO	02/070533	A2	Pharmasset Limited	09-12-2002		
	CR	WO	02/094289	A1	F. Hoffmann-La Roche	11-28-2002		
	CS	WO	02/100415	A2	F. Hoffmann-La Roche	12-19-2002		
	CT	WO	03/024461	A1	Schering Corporation	03-27-2003		
	CU	WO	03/026589	A2	Idenix; CNRS; U. Montp.	04-03-2003		
	CV	WO	03/026675	A1	Idenix; CNRS; U. Montp.	04-03-2003		
	CW	WO	03/061385	A1	Ribarpharm	07-31-2003		
	CX	WO	03/062255	A2	Ribarpharm	07-31-2003		
	CY	WO	04/002422	A2	Idenix; Univ.D.S.Cagliari	01-08-2004		
	CZ	WO	04/002999	A2	Idenix; Univ.D.S.Cagliari	01-08-2004		
↓	CAA	WO	04/003138	A2	Merck; Isis	01-08-2004		
	CAB	WO	04/009020	A2	Merck; Isis	01-29-2004		

Examiner Signature	/Louise Humphrey/ (09/19/2006)	Date Considered	

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Sheet 4 of 11

Complete if Known	
Application Number	10/715,729
Filing Date	November 17, 2003
First Named Inventor	Sommadossi *et al.*
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	06171.105062 IDX 1023

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. [1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
LH	DA	ALT, M., *et al.*, "Core specific antisense phosphorothioate oligodeoxynucleotides as potent and specific inhibitors of hepatitis C viral translation," *Archives of Virology*, 142:589-599 (1997).	
	DB	ALT, M., *et al.*, "Specific inhibition of hepatitis C viral gene expression by antisense phosphorothioate oligodeoxynucleotides," *Hepatology*, 22:707-717 (1995).	
	DC	ALTMANN *et al*, "The synthesis of 1'-methyl carbocyclic thymidine and its effect on nucleic acid duplex stability," *Synlett, Thieme Verlag, Stuttgart, De*, 10:853-855 (1994).	
	DD	BAGINSKI, S. G, *et al.*, "Mechanism of action of a pestivirus antiviral compound," *PNAS USA*, 97(14):7981-7986 (2000).	
	DE	BATTAGLIA, A.M. *et al.*, "Combination Therapy with Interferon and Ribavirin in the Treatment of Chronic Hepatitis C Infection", *Ann. Pharmacother*, 34:487-494 (2000).	
	DF	BEIGELMAN, L.N., *et al*, "Epimerization during the acetolysis of 3-*O*-acetyl-5-*O*-benzoyl-1,2-*O*-isopropylidene-3-*C*-methyl-α,D-ribofuranose. Synthesis of 3'-*C*-methylnucleosides with the β-D-*ribo*- and α-D-*arabino* configurations," *Carbohydrate Research*, 181:77-88 (1988).	
	DG	BEIGELMAN, L.N., *et al*, "A general method for synthesis of 3'-C-alkylnucleosides," *Nucleic Acids Symp. Ser.*, 9:115-118 (1981).	
	DH	BERENGUER, M., *et al*, "Hepatitis B and C viruses: Molecular identification and targeted antiviral therapies," *Proceedings of the Association of American Physicians*, 110(2), 98-112 (1998).	
	DI	BERENGUER, M. *et al.*, "Hepatitis C virus in the transplant setting", *Antivir. Ther., 3 (Suppl 3)*:125-136 (1998).	
	DJ	BERMAN, E, *et al.*, "Synergistic cytotoxic effect of azidothymidine and recombinant interferon alpha on normal human bone marrow progenitor cells," *Blood*, 74(4):1281-1286 (1989)	
	DK	BHAT et al. (Oral Session V, Hepatitis C Virus, Flaviviridae, 2003 (Oral Session V, Hepatitis C Virus, Flaviviridae; 16th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.); p A75).	
	DL	BROWNE, M.J., *et al.*, "2',3'-didehydro-3'-deoxythymidine (d4T) in patients with AIDS or AIDS-Related Complex: A Phase I trial," *J. Infect. Dis.*, 167(1):21-29 (1993).	
	DM	COLACINO, J. M., "Review article: Mechanisms for the anti-hepatitis B virus activity and mitochondrial toxicity of fialurdine (FIAU)," *Antiviral Res.*, 29(2-3): 125-39 (1996).	
	DN	CUI, L., *et al.*, "Cellular and molecular events leading to mitochondrial toxicity of 1-(2-deoxy-2-fluoro-1-β-D-arabinofuranosyl)-5-iodouracil in human liver cells," *J. Clin. Invest.*, 95:555-563 (1995).	
↓	DO	CZERNECKI, S., *et al*, "Synthesis of various 3'-branched 2',3'-unsaturated pyrimidine nucleosides as potential anti-HIV agents," *J. Org. Chem.*, 57:7325-7328 (1992).	

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LH	EA	DAVIS, G.L., "Current therapy for chronic Hepatitis C," *Gastroenterology* 118:S104-S114 (2000).	
	EB	De FRANCESCO, R., *et al.*, "Approaching a new era for hepatitis C virus therapy: Inhibitors of the NS3-4A serine protease and the NS5B RNA-dependent RNA polymerase," *Antiviral Research*, 58:1-16 (2003).	
	EC	De LOMBAERT, S., *et al.*, "*N*-Phosphonomethyl dipeptides and their phosphonate prodrugs, a new generation of neutral endopeptidase (NEP, EC 3.4.24.11) inhibitors," *J. Med. Chem.*, 37:498-511 (1994).	
	ED	DORNSIFE, R. E. *et al.*, "In Vitro Potency of Inhibition by Antiviral Drugs of Hematopoietic Progenitor Colony Formation Correlates with Exposure at Hemotoxic Levels in Human Immunodeficiency Virus-Positive Humans" *Antimicrob. Agents Chemother.* 40(2):514-519 (1996)	
	EE	DYMOCK, B.W., *et al.*, "Review: Novel approaches to the treatment of hepatitis C virus infection," *Antiviral Chemistry & Chemotherapy*, 11(2):79-96 (2000).	
	EF	ELDRUP et al. (Oral Session V, Hepatitis C Virus, Flaviviridae; 16th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.).	
	EG	FAIVRE-BUET, V., *et al*, "Synthesis of 1'-deoxypsicofuranosyl-deoxynucleosides as potential anti-HIV agents," *Nucleosides & Nucleotides*, 11(7):1411-1424 (1992).	
	EH	FARKAS, J., *et al.*, "Nucleic acid components and their analogues. XCIV. Synthesis of 6-amino-9-(1-deoxy-β-D-psicofuranosyl)purine", *Collect. Czech. Chem. Commun.* 32:2663-2667 (1967).	
	EI	FARKAS, J., *et al.*, "Nucleic acid components and their analogues. LXXIX. Synthesis of methyl 1-deoxy-D-psicofuranosides substituted at $C_{(1)}$ with halo atoms or a mercapto group," *Collect. Czech. Chem. Commun.*, 31:1535-1543 (1996).	
	EJ	FARQUHAR, D., *et al.*, "Synthesis and biological evaluation of neutral derivatives of 3-fluoro-2'-deoxyuridine 5'-phosphate," *J. Med. Chem.*, 26: 1153-1158 (1983).	
	EK	FARQUHAR, D., *et al.*, "Synthesis and biological evaluation of 9-[5'-(2-oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential neutral precursors of 9-[β-D-arabinofuranosyl]adenine 5'-monophosphate," *J. Med. Chem.*, 28:1358-1361 (1985).	
	EL	FEDOROV, I.I., *et al*, "3'-C-Branched 2'-deoxy-5-methyluridines: Synthesis, enzyme inhibition, and antiviral properties," *J. Med. Chem.*, 35(24):4567-4575 (1992).	
↓	EM	FERRARI R., *et al.*, "Characterization of soluble hepatitis C virus RNA-dependent RNA polymerase expressed in *Escherichia coli*," *Journal of Virology*, 73(2), 1649-1654 (1999).	

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LH	FA	FISCHL, M.A., *et al.*, "Zalcitabine compared with zidovudine in patients with advanced HIV-1 infection who received previous zidovudine therapy," *Ann. Intern. Med.*, 18(10):762-769 (1993).	
	FB	FRANCHETTI, P., *et al.*, "2'-C-Methyl analogues of selective adenosine receptor agonists: synthesis and binding studies," *J. Med. Chem.*, 41(10):1708-1715 (1998).	
	FC	FREED, J.J., *et al.*, "Evidence for acyloxymethyl esters of pyrimidine 5'-deoxyribonucleotides as extracellular sources of ative 5'-deoxyribonucleotides in cultured cells," *Biochemical Pharmacology.* 38:3193-3198 (1989).	
	FD	GALDERISI, U., *et al.*, "Antisense oligonucleoties as therapeutic agents," *Journal of Cellular Physiology*, 181(2):251-257 (November 1999).	
	FE	GROUILLER, A., *et al.*, "Novel *p*-toluenesulfonylation and thionocarbonylation of unprotected thymine nucleosides," *Synlett*, 1993, 221-222 (March 1993).	
	FF	GUNIC, E., *et al.*, "Synthesis and cytotoxicity of 4'-C-and 5'-C-substituted Toyocamycins," *Bioorg. Med. Chem.*, 9:163-170 (2001).	
	FG	HARAGUCHI, K., *et al.*, "Preparation and reactions of 2'- and 3'- vinyl bromides of uracil nucleosides: Versatile synthons for anti-HIV agents," *Tetrahedron Letters*, 32(28):3391-3394 (1991).	
	FH	HARAGUCHI, K., *et al.*, "Stereoselective synthesis of 1'-*C*-branched uracil nucleosides from uridine," *Nucleosides & Nucleotides*, 14(3-5):417-420 (1995).	
	FI	HARRY-O'KURU, R.E., *et al.*, "A short, flexible route toward 2'-C-branched ribonucleosides", *J.Org. Chem.*, 62:1754-1759 (1997). (Scheme 11).	
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	FK	HATTORI, H., et al, "Nucleosides and nucleotides. 175. Structural requirements of the sugar moiety for the antitumor activities of new nucleoside antimetabolites, 1-(3-*C*-ethynyl-b-D-*ribo*-pentofuranosyl)cytosine and -uracil," *J. Med. Chem.*, 41:2892-2902 (1998).	
	FL	HOSTETLER, K.Y., *et al.*, "Synthesis and antiretroviral activity of phospholipids analogs of azidothymidine and other antiviral nucleosides," *J. Biol. Chem.*, 265:6112-6115 (1990)	
	FM	HOSTETLER, K.Y., *et al.*, "Greatly enhanced inhibition of Human Immunodeficiency Virus Type I replication in CEM and HT4-6C cells by 3'-deoxythymidine diphosphate dimyristoylglycerol, a lipid prodrug of 3'-deoxythymidine," *Antimicrob. Agents Chemother.*, 36:2025-2029 (September 1992).	
	FN	HUNSTON, R.N., *et al.*, "Synthesis and biological properties of some cyclic phosphotriesters drived from 2'-deoxy-5-fluorouridine," *J. Med. Chem.* 27:440-444 (1984).	

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First Named Inventor	Sommadossi *et al.*
Group Art Unit	Unassigned
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LH	GA	HREBABECKY, H., *et al.*, "Nucleic acid components and their analogues. CXLIX. Synthesis of pyrimidine nucleosides derived from 1-deoxy-D-psicose," *Collect. Czech. Chem. Commun.*, 37:2059-2065 (1972).	
	GB	HREBABECKY, H., *et al.* "Synthesis of 7- and 9β-D-psicofuranosylguanine and their 1'-deoxy derivatives," *Collect. Czech. Chem. Commun.*, 39:2115-2123 (1974).	
	GC	IINO, T., *et al.*, "Nucleosides and nucleotides. 139. Stereoselective synthesis of (2'*S*)-2'-*C*-alkyl-2'-deoxyuridines," *Nucleosides and Nucleotides*, 15(1-3):169-181 (1996).	
	GD	ITOH, Y., *et al*, "Diverrgent and stereocontrolled approach to the synthesis of uracil nucleosides branched at the anomeric position," *J. Org. Chem.*, 60(3):656-662 (1995).	
	GE	JOHNSON, C.R., *et al*, "3'-*C*-Trifluoromethyl ribonucleosides," *Nucleosides & Nucleotides*, 14(1&2):185-194 (1995).	
	GF	JONES, G. H.; Moffatt, J. G., *Methods in Carbohydrate Chemistry*; Whisler, R. L. and Moffatt, J. L. Eds; Academic Press: New York, 1972; 315-322	
	GG	JONES, G. H., *et al.*, "4'-substituted nucleosides. 5. Hydroxymethylation of nucleoside 5'-aldehydes," *J. Org. Chem.*, 44:1309-1317 (1979).	
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	GJ	KUCERA, L.S., *et al.*, "Novel membrane-interactive ether lipid analogs that inhibit infectious HIV-1 production and induce defective virus formation, " *AIDS Res. Hum. Retro Viruses*, 6:491-501 (1990).	
	GK	KURTZBERG J., *et al.*, "Differential toxicity of carbovir and AZT to human bone marrow hematopoietic progenitor cells in vitro," *Exp. Hematol.*, 18(10):1094-1096 (1990).	
	GL	LAI, V.C.H., *et al.*; "Mutational analysis of bovine viral diarrhea virus RNA-dependent RNA polymerase," *J. Virol.*, 73(12):10129-10136 (December 1999).	
	GM	LAVAIRE, S., *et al.*, "3'-Deoxy-3'-*C*-trifluoromethyl nucleosides: Synthesis and antiviral evaluation," *Nucleosides & Nucleotides*, 17(12):2267-2280 (1998).	
	GN	LEONARD, N. J., *et al.*, "5-Amino-5-deoxyribose derivatives. Synthesis and use in the preparation of "reversed" nucleosides" *J. Heterocycl. Chem.*, 3:485-489 (December 1966).	
↓	GO	LERZA, R, *et al.*, "In vitro synergistic inhibition of human bone marrow hemopoietic progenitor growth by a 3'-azido-3'-deoxy-thymidine, 2',3'-dideoxycytidine combination," *Exp. Hematol.*, 25(3):252-255 (1997).	

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LH	HA	LEWIS W, *et al.*, "Zidovudine induces molecular, biochemical, and ultrastructural changes in rat skeletal muscle mitochondria," *J. Clin. Invest.*, 89(4):1354-1360 (1992).	
	HB	LEWIS, L. D., *et al.*, "Ultrastructural changes associated with reduced mitochondrial DNA and impaired mitochondrial function in the presence of 2'3'-dideoxycytidine," *Antimicrob. Agents Chemother.*, 36(9):2061-2065 (1992).	
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	HE	LOHMANN V., *et al.*, "Biochemical and kinetic analyses of NS5B RNA-dependent RNA polymerase of the Hepatitis C virus, " *Virology*, 249, 108-118 (1998).	
	HF	LOHMANN, V., *et al.*, "Replication of subgenomic hepatitis C virus RNAs in a hepatoma cell line," *Science*, 285(5424):110-113 (July 2, 1999).	
	HG	LUH, T.-Y., *et al.*, "A convenient method for the selective esterification of amino-alcohols," *Synthetic Communications*, 8(5):327-333 (1978).	
	HH	MARTIN, J.A., *et al.*, "Synthesis and antiviral activity of monofluoro and difluoro analogues of pyrimidine dexoyribonucleosides against human immunodeficiency virus (HIV-1)", *J. Med. Chem.*, 33(8):2137-2145 (1990).	
	HI	MARTIN, X., *et al.*, "Intramolecular hydrogen bonding in primary hydroxyl of thymine 1-(1-deoxy-β-D-psicofuranosyl) nucleoside," *Tetrahedron*, 50(22):6689-6694 (1994).	
	HJ	MATSUDA, A., *et al.*, "Radical deoxygenation of tert-alcohols in 2'-branched-chain sugar pyrimidine nucleosides: Synthesis and antileukemic activity of 2'-deoxy-2'(S)-methylcytidine," *Chem. Pharm. Bull.*, 35(9):3967-3970 (1987).	
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↓	HM	MATSUDA, A., *et al.*, "Nucleosides and Nucleotides. 104. Radical and palladium-catalyzed deoxygenation of the allylic alcohol systems in the sugar moiety of pyrimidine nucleosides," *Nucleosides & Nucleotides*, 11(2/4):197-226 (1992).	

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LH	IA	McCORMICK, J., *et al.*, "Structure and total synthesis of HF-7, a neuroactive glyconucleoside disulfate from he funnel-web spide *Hololena curta*," J. *Am. Chem. Soc.*, 121(24), 5661-5665 (1999).	
	IB	MCKENZIE, R., *et al.*, "Hepatic failure and lactic acidosis due to fialuridine (FIAU), an investigational nucleoside analogue for chronic hepatitis B", *N. Engl. J. Med.*, 333(17):1099-1105 (1995).	
	IC	MEDINA, D. J., *et al.*, "Comparison of mitochondrial morphology, mitochondrial DNA content, and cell viability in cultured cells treated with three anti-Human Immunodeficiency Virus dideoxynucleosides," *Antimicrob. Agents Chemother.*, 38(8):1824-8 (1994).	
	ID	MEIER, C., *et* al., "Cyclic saligenyl phosphotriesters of 2',3'-dideoxy-2',3'-didehydrothymidine (d4T) – A new pro-nucleic approach." *Bioorganic & Med. Chem. Letters* 7(2):99-104 (1997).	
	IE	MEYER, R.B., Jr., *et al.*, "2'-*O*-Acyl-6-thioinosine cyclic 3',5'-phosphates as prodrugs of thioinosinic acid," *J. Med. Chem.* 22: 811-815 (1979).	
	IF	MIKHAILOV, S.N., *et al.*, "Synthesis and properties of 3'*C*-methylnucleosides and their phosphoric esters," *Carbohydrate Research*, 124:75-96 (1983).	
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	IJ	NUTT, R.F., *et al.*, "Branched-chain sugar nucleosides. III. 3'-C-methyladenine", *J.Org. Chem.*, 33:1789-1795 (1968).	
	IK	OIVANEN, M., *et al*, "Additional evidence for the exceptional mechanism of the acid-catalyzed hydrolysis of 4-oxopyrimidine nucleosides: Hydrolysis of 1-(1-alkoxyalkyl)uracils, seconucleosides, 3'-*C*-alkyl nucleosides and nucleoside 3',5'-cyclic monophosphates," *J. Chem. Soc. Perkin Trans. 2*, 1994:309-314 (1994).	
	IL	ONG, S.P., *et al*, "Synthesis of 3'-*C*-methyladenosine and 3'-*C*-methyluridine diphosphates and their interaction with the ribonucleoside diphosphate reductase from *Corynebacterium nephridii*," *Biochemistry*, 31(45):11210-11215 (1992).	
↓	IM	Oral Session V, Hepatitis C Virus, Flaviviridae; 16th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.) p A75-77.	

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LH	JA	PAN-ZHOU, X-R, *et al.*, "Differential effects of antiretroviral nucleoside analogs on mitochondrial function in HepG2 cells," *Antimicrob. Agents Chemother.*, 44:496-503 (2000).	
	JB	PIANTADOSI, C., *et al.*, "Synthesis and evaluation of novel ether lipid nucleoside conjugates for anti-HIV-1 activity, " *J. Med. Chem.* 34:1408-1414 (1991).	
	JC	RICHMAN, D.D., *et al.*, "The toxicity of azidothymidine (AZT) in the treatment of patients with AIDS and AIDS-Related Complex," *N. Engl. J. Med.*, 317(4):192-197 (1987).	
	JD	ROSENTHAL, A., *et al.*, "Branched-chain sugar nucleosides. Synthesis of 3'-*C*-ethyl (and 3'-*C*-butyl)uridine *Carbohydrate Research*, 79:235-242 (1980).	
	JE	SAMANO, V., *et al.*, "Synthesis and radical-induced ring-opening reactions of 2'-deoxyadenosine-2'-spirocyclopropane and its uridine analogue. Mechanistic probe for ribonucleotide reductases," *J. Am. Chem. Soc.*, 114:4007-4008 (1992).	
	JF	SAMANO, V., *et al.*, "Nucleic acid related compounds. 77. 2',3'-Didehydro-2',3'-dideoxy-2'(and 3')-methylnucleosides via [3,3]-sigmatropic rearrangements of 2'(and 3')-methylene-3'(and 2')-*O*-thiocarbonyl derivatives and radical reduction of a 2'-chloro-3'-methylene analogue," *Can. J. Chem.*, 71:186-191 (1993).	
	JG	SCHMIT, C., *et al*, "The effects of 2'- and 3'-alkyl substituents on oligonucleotide hybridization and stability," *Biorganic & Medicinal Chemistry Letters*, 4(16):1969-1974 (1994).	
	JH	SERAFINOWSKI, P.J., *et al.*, "New method for the preparation of some 2'- and 3'-trifluoromethyl-2',3'-dideoxyuridine derivatives," *Tetrahedron* (Elsevier Science Publishers), 56(2):333-339 (1999).	
	JI	SHARMA, P.K., *et al.*, "Synthesis of 3'-trifluoromethyl nucleosides as potential antiviral agents," *Nucleosides, Nucleotides and Nucleic Acids*, 19(4):757-774 (2000).	
	JJ	SOMMADOSSI J-P, *et al.*, "Toxicity of 3'-azido-3'-deoxythymidine and 9-(1,3-dihydroxy-2-propoxymethyl)guanine for normal human hematopoietic progenitor cells in vitro" *Antimicrobial Agents and Chemotherapy*, 31:452-454 (1987).	
	JK	SOMMADOSSI J-P, *et al.*, "Comparison of cytotoxicity of the (-)- and (+)-enantiomer of 2',3'-dideoxy-3'-thiacytidine in normal human bone marrow progenitor cells" *Biochemical Pharmacology*, 44:1921-1925 (1992).	
	JL	STARRETT, J.E.Jr., *et al.*, "Synthesis, oral bioavailability determination, and *in vitro* evaluation of prodrugs of the antiviral agents 9-(2-(phosphonomethoxy)ethyl]adenine (PMEA)," *J. Med. Chem.* 37: 1857-1864 (1994).	
	JM	TRITSCH, D., *et al.*, "3'-β-ethynyl and 2'-deoxy-3'–β-ethynyl adenosines: First 3'–β-branched adenosines substrates of adenosine deaminase," *Bioorganic & Medicinal Chemistry Letters*, 10:139-141 (2000).	

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LH	KA	TUNITSKAYA, V.L., *et al.*, "Substrate properties of C'-methyl UTP derivatives in T7 RNA polymerase reactions. Evidence for N-type NTP conformation," *FEBS Letters*, 400:263-266 (1997).	
	KB	USUI, H., *et al.*, "Synthesis of 2'-deoxy-8,2'-ethanoadenosine and 3'-deoxy-8,3'-ethanoadenosine (Nucleosides and Nucleotides. LXIV)," *Chem. Pharm. Bull.*, 34(1):15-23 (1986).	
	KC	VASSILEV, V.B., *et al.*, "Bovine diarrhea virus induced apoptosis correlates with increased intracellular viral RNA accumulation," *Virus Res.*, 69(2), 95-107 (2000).	
	KD	WALCZAK, K., *et al.*, "Synthesis of 1-(3-alkyl-2,3-dideoxy-D-pentofuranosyl)uracils with potential anti-HIV activity," *Acta Chemica Scand.*, 45:930-934 (1991).	
	KE	WALTON, E., *et al.*, "Branched-chain sugar nucleosides. V. Synthesis and antiviral properties of several branched-chain sugar nucleotides," *J. Med. Chem.*, 12:306-309 (1969).	
	KF	WEINBERG, R.S., *et al.*, "Effect of antiviral drugs and hematopoietic growth factors on *in vitro* erythropoiesis," *Mt. Sinai J. Med.* 1998;65(1):5-13.	
	KG	WOLFE, M.S., *et al.*, "A concise synthesis of 2'-C-methylribonucleosides," *Tetrahedron Letters*, 36(42):7611-7614 (1995).	
	KH	WU, J.-C., *et al.*, "A new stereospecific synthesis of [3.1.0] bicyclic cyclopropano analog of 2',3'-dideoxyuridine, *Tetrahedron*, 46(7):2587-2592 (1990).	
	KI	YARCHOAN, R., *et al.* "Long-term toxicity / activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex," *The Lancet*, 336(8714):526-529 (1990).	
	KJ	YOSHIDA Y, *et al.*, "Reversal of azidothymidine-induced bone marrow suppression by 2',3'-dideoxythymidine as studied by hemopoietic clonal culture," *AIDS Res. Hum. Retroviruses*, 6(7):929-932 (1990).	
↓	KK	ZON, G., "Cyclophosphamide Analogues," Chapter 4 in Progress in Medicinal Chemistry, Vol. 19, G.P. Ellis and G.B. West, Eds., pp. 205-246 (1982).	

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